

# ABSTRACT

A spray nozzle for directing a wide lateral spray curtain with substantially uniform liquid distribution throughout the length of the spray curtain is provided. The nozzle includes a nozzle body defining an elongated internal flow passage. The nozzle body includes an inlet end for connection to a pressurized liquid supply, a downstream end wall and a side wall. A discharge orifice is provided in the side wall of the nozzle body between the inlet end and the downstream end wall. The discharge orifice communicates with the internal flow passage of the nozzle body. The discharge orifice has a generally inverted teardrop configuration comprising a relatively larger area upper portion and a relatively smaller area lower portion arranged below the upper portion.